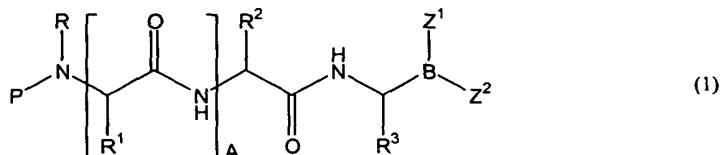


**ABSTRACT**

The present invention provides stable compounds prepared from boronic acid and lyophilized compounds thereof of the formula (1):



in which  $Z^1$  and  $Z^2$  are moieties derived from sugar. The invention also provides methods for preparing such compounds. Lyophilizing a mixture comprising a boronic acid compound and a moiety derived from sugar produces a stable composition that readily releases the boronic acid compound upon reconstitution in aqueous media.